Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107767.D
Acq On : 28 Jul 2018 00:52
Operator : JU/SJ
Sample : J4184-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BSMSD

Manual Integrations APPROVED
Sohil
7/30/2018 2:03:25 PM

Quant Time: Jul 28 04:10:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196958	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	730245	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	286857	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	483419	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	456151	20.00	ng		-0.01
86) Perylene-d12	15.68	264	381293	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	627073	51.19	ng		-0.01
7) Phenol-d6	6.60	99	467206	31.76	ng		-0.01
23) Nitrobenzene-d5	7.54	82	1119451	103.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	412807	126.55	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1931931	135.40	ng		-0.02
78) Terphenyl-d14	13.08	244	1655131	92.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	67405	11.822	ng	#	85
3) Pyridine	3.67	79	117649	7.585	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	23588	3.606	ng		86
6) Aniline	6.64	93	216262	11.399	ng	#	74
8) 2-Chlorophenol	6.75	128	427957	32.608	ng		96
9) Benzaldehyde	6.52	77	305274m	32.693	ng		
10) Phenol	6.61	94	182720	10.562	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	425517	29.669	ng		94
12) 1,3-Dichlorobenzene	6.90	146	570034	38.308	ng		98
13) 1,4-Dichlorobenzene	6.98	146	618646	40.564	ng		99
14) 1,2-Dichlorobenzene	7.14	146	525336	38.383	ng		98
15) Benzyl Alcohol	7.11	79	216517	21.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	810258	33.488	ng		79
17) 2-Methylphenol	7.22	107	258529	23.176	ng	#	65
18) Hexachloroethane	7.47	117	206766	38.653	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	357484	37.621	ng		96
20) 3+4-Methylphenols	7.38	107	268090	20.240	ng	#	15
22) Acetophenone	7.37	105	746026	43.500	ng	#	95
24) Nitrobenzene	7.55	77	505953	40.824	ng		95
25) Isophorone	7.78	82	1012793	43.837	ng		97
26) 2-Nitrophenol	7.87	139	267773	51.164	ng		98
27) 2,4-Dimethylphenol	7.90	122	379638	38.322	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	615218	39.846	ng		98
29) 2,4-Dichlorophenol	8.11	162	399552	39.459	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	477420	41.979	ng		99
31) Naphthalene	8.27	128	2489332	77.520	ng		97
32) Benzoic acid	8.00	122	75309	16.997	ng	#	79
33) 4-Chloroaniline	8.33	127	170255	12.130	ng		95
34) Hexachlorobutadiene	8.37	225	284478	42.096	ng		98
35) Caprolactam	8.70	113	14145	4.295	ng	#	77
36) 4-Chloro-3-methylphenol	8.80	107	375003	33.340	ng		96
37) 2-Methylnaphthalene	8.96	142	978229	43.961	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	462008	48.288	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	72402	14.886	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	253704	41.426	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	291375	45.522	ng		97
45) 1,1'-Biphenyl	9.42	154	1309781	52.415	ng		97
46) 2-Chloronaphthalene	9.45	162	868183	45.453	ng		98
47) 2-Nitroaniline	9.56	65	269444	48.388	ng		95
48) Acenaphthylene	9.87	152	1461295	50.929	ng		99
49) Dimethylphthalate	9.72	163	1029250	47.608	ng		99
50) 2,6-Dinitrotoluene	9.79	165	200297	46.664	ng	#	89
51) Acenaphthene	10.04	154	1018397	56.648	ng		98
52) 3-Nitroaniline	9.98	138	95689	18.325	ng		96
53) 2,4-Dinitrophenol	10.08	184	40423	31.798	ng	#	65
54) Dibenzofuran	10.21	168	1125859	42.539	ng		100
55) 4-Nitrophenol	10.16	139	40803	10.437	ng		85
56) 2,4-Dinitrotoluene	10.20	165	219831	42.428	ng	#	91
57) Fluorene	10.55	166	961129	50.903	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	220249	41.346	ng	#	84
59) Diethylphthalate	10.41	149	968243	42.882	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	442655	41.469	ng		91
61) 4-Nitroaniline	10.60	138	156819	35.744	ng		90
62) Azobenzene	10.70	77	811474	38.327	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	34059	20.636	ng		88
65) n-Nitrosodiphenylamine	10.67	169	749237	45.635	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	262465	46.122	ng	#	86
67) Hexachlorobenzene	11.10	284	261835	41.817	ng	#	90
68) Atrazine	11.19	200	212308	42.353	ng		95
69) Pentachlorophenol	11.30	266	246099	62.925	ng		98
70) Phenanthrene	11.52	178	1370728	58.187	ng		100
71) Anthracene	11.58	178	1225029	51.649	ng		100
72) Carbazole	11.74	167	1084548	43.972	ng		98
73) Di-n-butylphthalate	12.04	149	1283854	53.520	ng		100
74) Fluoranthene	12.72	202	1269708	50.229	ng		96
76) Benzidine	12.85	184	584251	44.476	ng		97
77) Pyrene	12.95	202	1315632	42.166	ng		98
79) Butylbenzylphthalate	13.55	149	566956	42.253	ng		94
80) Benzo(a)anthracene	14.14	228	1159783	43.387	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	374898	48.342	ng	#	98
82) Chrysene	14.18	228	1236824	48.167	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	735432	38.844	ng		99
84) Di-n-octyl phthalate	14.72	149	1391027	47.267	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	815793	37.485	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	967776	46.377	ng		98
88) Benzo(k)fluoranthene	15.26	252	1068020m	52.240	ng		
89) Benzo(a)pyrene	15.62	252	897356	47.011	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	692567	41.972	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	661157	40.622	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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